

Serial No.
Infineon Ref No. P2003,0229 US N
OC Ref No. 0928.0048C

**DECLARATION FOR PATENT APPLICATION, POWER OF
ATTORNEY & DESIGNATION OF CORRESPONDENCE ADDRESS**

As below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled: **Integrated Dynamic Memory Having A Control Circuit For Controlling A Refresh Mode For Memory Cells**

the specification of which (check one)

_____ is attached hereto.

_____ was filed on _____ as United States Application Serial No. _____ or PCT International Application No. _____ and was amended on _____ (if applicable).

I hereby state that I have reviewed and understand the contents of the above-identified specification including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information known to me to be material to the patentability of this application in accordance with 37 CFR §1.56(a).

**PRIOR FOREIGN/PCT APPLICATION(S) FILED WITHIN 12 MONTHS (6 MONTHS FOR
DESIGN) PRIOR TO THIS APPLICATION AND ANY PRIORITY CLAIMS UNDER 35
U.S.C. § 119(a)-(d)**

I hereby claim foreign priority benefits under 35 USC § 119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

Prior Foreign Application(s)			Priority Claimed	
Number	Country	Day/Month/Year Filed	Yes	No
10317364.1	DE	15/04/03	X	

CLAIM FOR BENEFIT OF PRIOR U.S. PROVISIONAL APPLICATION(S)
(35 U.S.C. § 119(e))

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I hereby claim the benefit under Title 35, United States Code, § 119 (c) of any United States provisional application(s) listed below:

Provisional Application Number	Filing Date

**CLAIM FOR BENEFIT OF EARLIER US/PCT APPLICATION(S)
UNDER 35 U.S.C. § 120**

I hereby claim the benefit under 35 U.S.C. §120 and/or §365 of any United States application(s) or of any international application(s) designating the United States of America that is/are listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior application(s) in the manner provided by the first paragraph of 35 U.S.C. §112, I acknowledge the duty to disclose to the U.S. Patent and Trademark Office all information known to me to be material to patentability as defined in 37 C.F.R. §1.56 which became available between the filing date(s) of the prior application(s) and the national or PCT international filing date of this application:

Prior U.S. Application(s) or PCT International Applications Designating the U.S. for benefit under 35 U.S.C. §120

U.S. APPLICATIONS			STATUS (check one)		
U.S. APPLICATION NO.	U.S. FILING DATE (day, month, year)		Pending	Patented	Abandoned
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PCT APPLICATIONS DESIGNATING THE U.S.					
PCT APPLICATION NO.	PCT FILING DATE (day, month, year)	U.S. APPLICATION NOS. (if any)			
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Power of Attorney: As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith.

Erik O. Berger, Reg. No. 42,315; Stanton C. Braden, Reg. No. 32,556; Marie-Claire B. Maple, Reg. No. 37,588; and the registered practitioners of EDELL, SHAPIRO & FINNAN, LLC included under Customer Number 27896.

Send correspondence to:

EDELL, SHAPIRO & FINNAN, LLC
1901 Research Boulevard, Suite 400
Rockville, MD 20850
Phone: (301) 424-3640
Fax: (301) 762-4056

CUSTOMER NUMBER: 27896

Direct telephone calls to:

**EDELL, SHAPIRO & FINNAN, LLC at
(301) 424-3640**

I hereby declare that all statements made herein on my own knowledge are true and that all statements made on information and belief are believed to be true, and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both under 18 USC §1001 and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

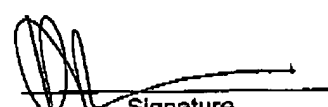
Full Name of First Inventor: Ralf Schneider	
Inventor's Signature: <i>Ralf Schneider</i>	Date: April 22 nd , 2004
Residence: München, Germany	
Citizenship: German	
Mailing Address: Effnerstr. 70, 81925 München, Germany Hädelegabelstr. 23, 81825 München	

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RS.

Full Name of Second Inventor: Manfred Pröll	
Inventor's Signature: <i>Manfred Pröll</i>	Date: April 22 nd , 2004
Residence: Dorfen, Germany	
Citizenship: German	
Mailing Address: Gartenstr. 19 e, 84405 Dorfen, Germany	

Full Name of Third Inventor: Georg Erhard Eggers	
Inventor's Signature: <i>Georg Eggers</i>	Date: April 22 nd , 2004
Residence: München, Germany	
Citizenship: German	
Mailing Address: Zollstr. 9, 80335 München, Germany	

Full Name of Fourth Inventor: Jörg Kliever	
Inventor's Signature: <i>Jörg Kliever</i>	Date: April 22 nd , 2004
Residence: München, Germany	
Citizenship: German	
Mailing Address: Ludwig-Dill-Weg 1, 81737 München, Germany	

Form PTO-1595 (Rev. 10/02) OMB No. 0651-0027 (exp. 6/30/2006) Tab settings ⇌ ⇌ ⇌ ▼ ▼ ▼ ▼ ▼ ▼ ▼		RECORDATION FORM COVER SHEET PATENTS ONLY	U.S. DEPARTMENT OF COMMERCE U.S. Patent and Trademark Office
To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.			
1. Name of conveying party(ies): Ralf Schneider, Manfred Proll, Georg Erhard Eggers & Jorg Klierwer Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	2. Name and address of receiving party(ies) Name: <u>Infineon Technologies AG</u> Internal Address: <u>St.-Martin-Str. 53</u> <u>81669 Munich, Germany</u> Street Address: _____ City: _____ State: _____ Zip: _____ Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
3. Nature of conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other _____ Execution Date: <u>04/22/04</u>	4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application is: _____ A. Patent Application No.(s) <u>10/823,608</u> B. Patent No.(s) _____ Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
5. Name and address of party to whom correspondence concerning document should be mailed: Name: <u>Heather Morin</u> Internal Address: <u>Edell, Shapiro & Finnan, LLC</u> Street Address: <u>1901 Research Blvd.</u> <u>Suite 400</u> City: <u>Rockville</u> State: <u>MD</u> Zip: <u>20850</u>	6. Total number of applications and patents involved: <input type="checkbox"/> 7. Total fee (37 CFR 3.41).....\$ <u>40.00</u> <input checked="" type="checkbox"/> Enclosed <input type="checkbox"/> Authorized to be charged to deposit account 8. Deposit account number: <u>05-0460</u>		
DO NOT USE THIS SPACE			
9. Signature. <div style="display: flex; justify-content: space-between; align-items: flex-end;"> <div style="width: 40%;"> <u>Heather Morin, Reg. No. 37,336</u> Name of Person Signing </div> <div style="width: 30%; text-align: center;">  Signature </div> <div style="width: 20%; text-align: center;"> <u>July 12, 2004</u> Date </div> </div> <div style="text-align: right; margin-top: 10px;"> Total number of pages including cover sheet, attachments, and documents: <input type="checkbox"/> </div>			

Mail documents to be recorded with required cover sheet information to:
 Commissioner of Patents & Trademarks, Box Assignments
 Washington, D.C. 20231

INFINEON REF NO. P2003,0229 US N
O.C. REF NO. 0928.0048C

ASSIGNMENT

For good and valuable consideration, We, Ralf Schneider, a citizen of Germany, residing at Effnerstr. 70, 81925 München, Germany, Manfred Pröll, a citizen of Germany, residing at Gartenstr. 19 e, 84405 Dorfen, Germany, Georg Erhard Eggers, a citizen of Germany, residing at Zollstr. 9, 80335 München, Germany and Jörg Kliewer, a citizen of Germany, residing at Ludwig-Dill-Weg 1, 81737 München, Germany, hereinafter individually or collectively referred to as "Assignor";

Hereby sell, assign and transfer to Infineon Technologies AG, a corporation organized and existing under the laws of Germany, having its principal place of business at St.-Martin-Str. 53, 81669 Munich, Germany, hereinafter "Assignee", its successors, assigns and legal representatives, the entire right, title and interest in and for the United States and all foreign countries, in and to any and all improvements which are disclosed in the application for United States Letters Patent, which has been executed by the undersigned and

filed on _____ US. Serial No. _____,

entitled: Integrated Dynamic Memory Having A Control Circuit For Controlling A Refresh Mode For Memory Cells

and in and to said application and all divisional, continuing, substitute, renewal, reissue, and all other applications for Letters Patent which have been or shall be filed in the United States and all foreign countries on any of said improvements; and in and to all original and reissued patents which have been or shall be filed in the United States and all foreign countries on said improvements;

Agree that said Assignee may apply for and receive Letters Patent for said improvements in its own name; and that, when requested, without charge to but at the expense of said Assignee, its successors, assigns and legal representatives, to carry out in good faith the intent and purpose of this assignment, the undersigned will execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all said improvements; execute all rightful oaths, assignments, powers of attorney and other papers; communicate to said Assignee, its successors, assigns, and legal representatives, all facts known to the undersigned relating to said improvements and the history thereof; and generally do everything possible which said Assignee, its successors, assigns or legal representatives shall consider desirable for aiding in securing and maintaining proper patent protection for said improvements and for vesting title to said improvements and all applications for patents and all patents on said improvements, in said Assignee, its successors, assigns and legal representatives; and

Covenant with said Assignee, its successors, assigns and legal representatives that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

SIGNATURE: _____

Ralf Schneider

DATE: April 22nd, 2004

SIGNATURE: Manfred Pröll DATE: April 22nd 2004
Manfred Pröll

SIGNATURE: Georg Erhard Egger DATE: April 22nd 2004
Georg Erhard Egger

SIGNATURE: Jörg Kliewer DATE: April 22nd 2004
Jörg Kliewer